DOCUMENT RESUME

ED 306 074 SE 050 429

AUTHOR Terner, Janet, Comp.; And Others
TITLE Biographical Sources in the Sciences. LC Science Tracer Bullet.
INSTITUTION Library of Congress, Washington, D.C. National Referral Center for Science and Technology.
REPORT NO LC-TB-88-3
PUB DATE Dec 88
NOTE 39p.
PUB TYPE Reference Materials - Bibliographies (131)

EDRS PRICE MF01/PC02 Plus Postage.
DESCRIPTORS *Biographies; Biological Sciences; Citations (References); Educational Resources; *Indexes; *Information Sources; Physical Sciences; *Reference Materials; Science History; *Scientists

ABSTRACT

This guide offers a systematic approach to the wide variety of published biographical information on men and women of science. Historical and contemporary scientists are covered, with emphasis on American scientists. Sources were selected on the basis of general availability through major public and institutional library systems. This publication is organized under the following headings: (1) general works which are divided into comprehensive and limited entries; (2) bibliographies and indexes; (3) selected national resources from the United States and other countries; (4) subject sources which are arranged alphabetically by broad discipline from aeronautics and astronautics to technology; and (5) pertinent abstracting and indexing services that index relevant journal articles and other literature. The booklet provides introductory material sources pertaining to scientific and technical information, a bibliography of the history of technology, and an introduction to the literature of science and technology. Additionally, subject headings used by the Library of Congress, under which biographical materials can be located in most card, book, and online catalogs, are cited. (RT)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED306074

LC Science Tracer Bullet

Science Reference Section, Science and Technology Division
Library of Congress, 10 First Street, S.E., Washington, D.C. 20540

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
☒ This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

ISSN 0090-5232

BIOGRAPHICAL SOURCES IN THE SCIENCES

Compiled by Janet Terner, Constance Carter, and Ruth S. Freitag

TB 88-3 **December 1988**

SCOPE: This guide offers a systematic approach to the wide variety of published biographical information on men and women of science. Both historical and contemporary scientists are covered, with emphasis on American scientists. Sources were selected on the basis of general availability through major public and institutional library systems. Departing from the usual Tracer Bullet format, this guide is organized under the following headings: (1) general works, (2) bibliographies and indexes, (3) selected national sources, (4) subject sources, arranged by broad disciplines, and (5) pertinent abstracting and indexing services. Not intended to be a comprehensive bibliography, this Tracer Bullet is designed--as the name of the series implies--to put the reader "on target."

INTRODUCTORY MATERIAL

Chen, Ching-chih. Biographical sources. In his Scientific and technical information sources. 2nd ed. Cambridge, Mass., MIT Press, 1987. p. 448-464. Z7401.C48 1987*

Ferguson, Eugene S. Biography. In his Bibliography of the history of technology. Cambridge, Mass., Society for the History of Technology and the M.I.T. Press, 1968. (Society for the History of Technology. Monograph series, v. 5) p. 73-89. Z7914.H5F4*

Grogan, Denis J. Biographical sources. In his Science and technology; an introduction to the literature. 4th ed. London, C. Bingley, 1982. p. 380-387. Q225.5.G76 1982*

*Available in the reference collection, Science Reading Room

SE 050 439

SUBJECT HEADINGS used by the Library of Congress, under which biographical materials can be located in most card, book, and online catalogs, include the following:

SCIENTISTS--BIOGRAPHY (Highly relevant)

SCIENTISTS--BIOGRAPHY--DICTIONARIES (Highly relevant)

SCIENTISTS--BIOGRAPHY--DIRECTORIES (Highly relevant)

SCIENTISTS--BIOGRAPHY--INDEXES (Highly relevant)

See also subdivision BIOGRAPHY under groups of scientists, e.g., AFRO-AMERICAN MATHEMATICIANS; AFRO-AMERICAN SCIENTISTS; WOMEN ASTRONOMERS; WOMEN SCIENTISTS; SCIENTISTS, PHYSICALLY HANDICAPPED; SCIENTISTS, JEWISH; CATHOLIC SCIENTISTS; SCIENTISTS, MUSLIM

SCIENTISTS--UNITED STATES--BIOGRAPHY (Highly relevant)

See also other countries or geographic areas, e.g., SCIENTISTS--CHINA--BIOGRAPHY; SCIENTISTS--INDIA--BIOGRAPHY; SCIENTISTS--SOVIET UNION--BIOGRAPHY; SCIENTISTS--EUROPE--BIOGRAPHY; SCIENTISTS--LATIN AMERICA--BIOGRAPHY

MEDICINE--BIOGRAPHY (Relevant)

See also subdivision BIOGRAPHY under other scientific disciplines, e.g., AERONAUTICS; ELECTRONIC DATA PROCESSING; PHOTOGRAPHY. Note: these headings are used for collective biography only.

PHYSICS--BIO-BIBLIOGRAPHY (Relevant)

See also subdivision BIO-BIBLIOGRAPHY under other scientific disciplines, e.g., GEOLOGY; MEDICINE; SCIENCE

ZOOLOGISTS--BIOGRAPHY (Relevant)

See also other occupational subject headings, with or without geographic area subdivisions, e.g., ANATOMISTS; ASTRONOMERS; BIOCHEMISTS; BIOLOGISTS; BOTANISTS; CHEMISTS; COMPUTER ENGINEERS; EARTH SCIENTISTS; ECOLOGISTS; ENGINEERS; ENTOMOLOGISTS; GEOLOGISTS; INVENTORS; INDUSTRIALISTS; MALACOLOGISTS; MATHEMATICIANS; METEOROLOGISTS; MICROBIOLOGISTS; MINERALOGISTS; MOLECULAR BIOLOGISTS; MYCOLOGISTS; NATURALISTS; OCEANOGRAPHERS; ORNITHOLOGISTS; PALEONTOLOGISTS; PHYSICIANS; PHYSICISTS; PSYCHIATRISTS; PSYCHOLOGISTS; TECHNOLOGISTS; VETERINARIANS

SCIENTISTS--ANECDOTES and SCIENTISTS--ANECDOTES, FACETIAE, SATIRE, ETC. (Related)

SCIENTISTS--CORRESPONDENCE and SCIENTISTS--CORRESPONDENCE, REMINISCENCES, ETC. (Related)

SCIENTISTS--INTERVIEWS (Related)

SCIENTISTS--PORTRAITS (Related)

See also subdivisions ANECDOTES; ANECDOTES, FACETIAE, SATIRE, ETC.; CORRESPONDENCE; CORRESPONDENCE, REMINISCENCES, ETC.; INTERVIEWS; and PORTRAITS under groups of scientists, e.g., ENGINEERS; PHYSICISTS; TECHNOLOGISTS, with or without geographic area subdivisions

BIOGRAPHY (More general)

OBITUARIES (More general)

GENERAL WORKS—COMPREHENSIVE

Arago, Dominique François Jean. Biographies of distinguished scientific men. Freeport, N.Y., Books for Libraries Press, 1972. 2 v.
Reprint of the 1859 ed. Q141.A65 1972

Asimov, Isaac. Asimov's biographical encyclopedia of science and technology; the lives and achievements of 1510 great scientists from ancient times to the present, chronologically arranged. 2nd rev. ed. Garden City, N.Y., Doubleday, 1982. 941 p. Q141.A74 1982*

A Biographical dictionary of scientists. Edited by Trevor I. Williams; assistant editor, Sonia Withers. 3rd ed. New York, Wiley, 1982. 674 p. Q141.B528 1982*

A Biographical encyclopedia of scientists. Edited by John Daintith, Sarah Mitchell, Elizabeth Tootill. New York, Facts on File, 1981. 2 v. (935 p.) Q141.B53*

Current contents address directory: science & technology. 1984+ Philadelphia, Institute for Scientific Information, 1985+ annual. Q145.C86*
Continues International directory of research & development scientists, 1965-70, ISI's who is publishing in science, 1971-78, and CBD, Current bibliographic directory of the arts & sciences, 1978-83.

Dictionary of scientific biography. Charles Coulston Gillispie, editor in chief. New York, Scribner, 1970-80. 16 v. Q141.D5*
Vol. 15, Supplement; v. 16, Index.

Feldman, Anthony, and Peter Ford. Scientists & inventors. Update editor: Graham Yost. New York, Facts on File, 1986. 352 p. In process
Science Reading Room has 1979 ed. (336 p. T39.F37 1979*).

Gascoigne, Robert M. A chronology of the history of science, 1450-1900. New York, Garland Pub., 1987. 585 p. (Garland reference library of the humanities, v. 714) Q125.G39 1987*

Grosse Naturwissenschaftler; biographisches Lexikon mit einer Bibliographie zur Geschichte der Naturwissenschaften. Hrsg. von Fritz Krafft. 2., neubearb. und erw. Aufl. Düsseldorf, VDI, 1986. 456 p.
Bibliography: p. 365-435. Q141.G85 1986*

Howard, Arthur V. Chambers's dictionary of scientists. London, W. & R. Chambers, 1951. 500 columns. Q141.H69 1951a*

McGraw-Hill modern scientists and engineers. New York, McGraw-Hill, 1980. 3 v. Q141.M15 1980*
Previous ed. published under title McGraw-Hill modern men of science.

Poggendorff, Johann C. Biographisch-literarisches Handwörterbuch zur Geschichte der exakten Wissenschaften. Leipzig, Barth, 1863-1904; Verlag Chemie, 1925-40. 6 v. in 11. Z7404.P74*
Contents: v. 1-2. To 1857.--v. 3. 1858-83.--v. 4. 1883-1904.--v. 5. 1904-22.--v. 6. 1923-31.

----- Biographisch-literarisches Handwörterbuch der exakten Naturwissenschaften. Berlin, Akademie-Verlag, 1955+ Z7404.P74*
The new series, beginning with v. 7, is subdivided into two groupings: v. 7a covers scientists from Germany, Austria, and Switzerland, 1932-53, and v. 7b, scientists from other countries, 1932-62. Sci RR set is incomplete.

Scienziati e tecnologi dalle origini al 1875. v. 1+ Milano, A. Mondadori, 1975+ Q141.S372
Contents: v. 1. Da Abano, Pietro d' a Gibbs, Josiah Willard.--

Turkevich, John, and Ludmilla B. Turkevich. Prominent scientists of continental Europe. New York, American Elsevier, 1968. 204 p. Q141.T82*

Who's who in science in Europe; a biographical guide in science, technology, agriculture, and medicine. 5th ed. Harlow, Essex, UK, Longman; Detroit, distributed by Gale Research Co., 1987. 3 v. Q141.W588 1987*

World who's who in science; a biographical dictionary of notable scientists from antiquity to the present. Editor: Allen G. Debus. Chicago, Marquis-Who's Who, 1968. 1855 p. Q141.W7*

Zahm, John A. Woman in science; with an introductory chapter on woman's long struggle for things of the mind, by H. J. Mozans, i.e. J. A. Zahm. Cambridge, Mass., MIT Press, 1974. 452 p. Q147.Z26 1974*
Reprint of the 1913 ed.

GENERAL WORKS—LIMITED

Bolton, Sarah K. Famous men of science. 4th ed. New York, Crowell, 1961, c1960. 326 p. Q141.B7 1961
Includes: Copernicus, Galileo, Newton, William Herschel, Faraday, Lord Kelvin, Edison, the Curies, Marconi, Burbank, Walter Reed, the Comptons, Fleming, Einstein, Urey, Herman Mark, Fermi, Salk, and Tsung Dao Lee and Chen Ning Yang.

Bridges, Thomas C., and H. Hessell Tiltman. Master minds of modern science. Freeport, N.Y., Books for Libraries Press, 1969. 278 p.
Reprint of the 1931 ed. Q141.B83 1969

Cohen, Harry, and Itzhak J. Carmin, eds. Jews in the world of science; a biographical dictionary of Jews eminent in the natural and social sciences. New York, Monde Publishers, 1956. 264 p. Q128.C65

Crowther, J. G. Men of science: Humphry Davy, Michael Faraday, James Prescott Joule, William Thomson, James Clerk Maxwell. New York, Norton, 1936. 332 p. Q141.C7 1936

Defries, Amelia D. Pioneers of science; seven pictures of struggle and victory. Freeport, N.Y., Books for Libraries Press, 1970. 189 p.
Reprint of the 1928 ed. Q141.D37 1970
Includes: Jagadis Bose, Patrick Geddes, Victor Branford, Nicholas Roerich, Francis Bacon, Humphry Davy, and Michael Faraday.

Halacy, D. S. They gave their names to science. New York, Putnam, 1967. 159 p. Q141.H22
Includes: Ernst Mach, Gregor Mendel, Christian Johann Doppler, Hans Geiger, Nicolas Sadi Carnot, Gaspard Gustave de Coriolis, Andrija Mohorovičić, James Van Allen, Rudolf Mössbauer, and Alfred Nobel.

Jones, Bessie J. Z., ed. The golden age of science; thirty portraits of the giants of 19th-century science, by their scientific contemporaries. New York, Simon and Schuster, in cooperation with the Smithsonian Institution, 1966. 659 p. Q141.J68*

Late seventeenth century scientists. Editor: Donald Hutchings. Oxford, New York, Pergamon Press, 1969. 183 p. Q141.L37 1969
Includes: Robert Boyle, Marcello Malpighi, Christopher Wren, Christiaan Huygens, Robert Hooke, and Isaac Newton.

Lenard, Philipp. Great men of science; a history of scientific progress. Freeport, N.Y., Books for Libraries Press, 1970. 389 p.
Reprint of the 1933 ed. Q141.L62 1970*

Levitan, Tina. The laureates; Jewish winners of the Nobel prize. New York, Twayne Publishers, 1960. 236 p. Q141.L65

Meadows, A. J. The great scientists. New York, Oxford University Press, 1987. 248 p. Q141.M38 1987

Mid-nineteenth-century scientists. Edited by John North. Oxford, New York, Pergamon Press, 1969. 190 p. Q141.M43 1969
Includes: Charles Babbage; Charles Darwin; James Prescott Joule; Hugh Powell, James Smith, and Andrew Ross; Joseph Lister; and W. H. Perkin.

Murray, Robert H. Science and scientists in the nineteenth century. London, Sheldon Press; New York, Macmillan, 1925. 450 p. Q141.M8

Nobel Prize winners; an H. W. Wilson biographical dictionary. Editor, Tyler Wasson; consultants, Gert H. Brieger and others. New York, H. W. Wilson, 1987. 1165 p. AS911.N9N59 1987*

Olby, Robert C., ed. Early nineteenth century European scientists. Oxford, New York, Pergamon Press, 1967. 179 p. Q141.O38 1967
Includes: Humphry Davy, Jöns Jacob Berzelius, Thomas Young, Louis Jacques Mande Daguerre and William Henry Fox Talbot, Charles Lyell, and Adolphe Quetelet.

Olby, Robert C., ed. Late eighteenth century European scientists. Oxford, New York, Pergamon Press, 1966. 209 p. Q141.O4 1966
Includes: Jean Lamarck, Joseph Koelreuter, Antoine Lavoisier, Henry Cavendish, Alessandro Volta, James Watt, and William Herschel.

Scientific American. Lives in science. New York, Simon and Schuster, 1957. 274 p. Q141.S37

Scientific genius and creativity; readings from Scientific American. With an introd. by Owen Gingerich. New York, W. H. Freeman, 1987, c1982. 110 p. Q141.S293 1987
Includes: William Harvey, Isaac Newton, Robert Boyle, Antoine Lavoisier, Carl Friedrich Gauss, Évariste Galois, Joseph Henry, Charles Darwin, Alfred Wegener, and Robert Millikan.

Walsh, James J. Catholic churchmen in science; sketches of the lives of Catholic ecclesiastics who were among the great founders in science. 1st-3rd ser. Philadelphia, American Ecclesiastical Review, Dolphin Press, 1906-17. 3 v. Q141.W22

The Who's who of Nobel Prize winners. Edited by Bernard S. Schlessinger and June H. Schlessinger. Phoenix, Ariz., Oryx Press, 1986. 212 p. AS911.N9W53 1986*

Wilson, Grove. The human side of science. Freeport, N.Y., Books for Libraries Press, 1972. 397 p. Q141.W65 1972
Reprint of the 1929 ed.

BIBLIOGRAPHIES AND INDEXES

Barr, Ernest Scott. An index to biographical fragments in unspecialized scientific journals. University, Ala., University of Alabama Press, 1973. 294 p. Q141.B29*

Biography and genealogy master index; a consolidated index to more than 3,200,000 biographical sketches in over 350 current and retrospective biographical dictionaries. Edited by Miranda C. Herbert and Barbara McNeil. 2nd ed. Detroit, Gale Research Co., 1980. 8 v. Z5305.U5B57 1980 SSRR
Kept up to date by annual supplements with quinquennial cumulations.

Biography index; a cumulative index to biographical material in books and magazines. v. 1+ Jan. 1946+ New York, H. W. Wilson. Z5301.B5 SSRR
Quarterly, with annual and triennial cumulations.

Herzenberg, Caroline L. Women scientists from antiquity to the present, an index; an international reference listing and biographical directory of some notable women scientists from ancient to modern times. West Cornwall, Conn., Locust Hill Press, 1986. xxxix, 200 p.
Bibliography: p. xxix-xxxvii. Q141.H475 1986*

Ireland, Norma Olin. Index to scientists of the world, from ancient to modern times; biographies and portraits. Boston, Mass., F. W. Faxon Co., 1962. 662 p. (Useful reference series, no. 90) Z7404.I7*

ISIS cumulative bibliography; a bibliography of the history of science formed from ISIS critical bibliographies 1-90, 1913-65. Edited by Magda Whitrow. Chairman of editorial committee, I. Bernard Cohen. London, Mansell in conjunction with the History of Science Society, 1971-84. 6 v. Z7405.H612*

Contents: v. 1. Personalities, A-J.--v. 2. Personalities, K-Z. Institutions.--v. 3. Subjects.--v. 4. Civilizations and periods, prehistory to Middle Ages.--v. 5. Civilizations and periods, 15th to 19th centuries.--v. 6. Author index.

ISIS cumulative bibliography, 1966-1975; a bibliography of the history of science formed from ISIS critical bibliographies 91-100 indexing literature published from 1965 through 1974. Edited by John Neu. London, Mansell in conjunction with the History of Science Society, 1980+ Z7405.H6I2 Suppl.*

Contents: v. 1. Personalities and institutions.--v. 2. Subjects, periods and civilizations.--

The New York times biographical service. v. 6+ 1975+ New York, New York Times; Ann Arbor, Mich., University Microfilms International. monthly. Indexes are cumulated annually. CT120.N45 SSRR

Continues New York times biographical edition, 1970-74.

The New York times obituaries index. New York, New York Times, 1970-80. 2 v. CT213.N47 SSRR

Contents: v. 1. 1858-1968.--v. 2. 1969-1978.

Ogilvie, Marilyn B. Women in science, antiquity through the nineteenth century; a biographical dictionary with annotated bibliography. Cambridge, Mass., MIT Press, 1986. 254 p. Q141.034 1986*

Pelletier, Paul A. Prominent scientists; an index to collective biographies. 2nd ed. New York, Neal-Schuman Publishers, 1985. 356 p. Q141.P398 1985*

Royal Commonwealth Society. Library. Biography catalogue of the Library of the Royal Commonwealth Society. By Donald H. Simpson. London, Royal Commonwealth Society, 1961. 511 p. Z5301.R6 SSRR

Siegel, Patricia J., and K. Thomas Finley. Women in the scientific search; an American bio-bibliography, 1724-1979. Metuchen, N.J., Scarecrow Press, 1985. 399 p. Z7404.S57 1985*

Slocum, Robert B. Biographical dictionaries and related works; an international bibliography. 2nd ed. Detroit, Gale Research Co., 1986. 2 v. (1319 p.) Z5301.S55 1986*

Contents: v. 1. Universal biography; national or area biography.--v. 2. Biography by vocation; author index; title index; subject index.

NATIONAL SOURCES—UNITED STATES

American Black scientists and inventors. Edward S. Jenkins and others. Washington, D.C., National Science Teachers Association, 1975. 79 p. Q141.A46

Includes: Ernest E. Just, Garrett Augustus Morgan, George Washington Carver, Benjamin Banneker, Percy L. Julian, Granville T. Woods, Charles Richard Drew, Charles Henry Turner, Matthew A. Henson, Leon Roddy, Elijah McCoy, and Daniel Hale Williams.

American men and women of science. 12th+ ed.; 1970+ New York, Bowker. Q141.A47*

Continues American men of science, 1906-70.
With 16th ed., call no. changed to Q141.A474.

Carwell, Hattie. Blacks in science: astrophysicist to zoologist. Hicksville, N.Y., Exposition Press, 1977. 95 p. Q141.C23

LC copy missing.

Crowther, J. G. Famous American men of science. Freeport, N.Y., Books for Libraries Press, 1969. 414 p. Q127.U6C774

Reprint of the 1937 ed.
Includes: Benjamin Franklin, Joseph Henry, Josiah Willard Gibbs, and Thomas A. Edison.

Dictionary of American military biography. Roger J. Spiller, editor; Joseph G. Dawson III, associate editor. Westport, Conn., Greenwood Press, 1984. 3 v. U52.D53 1984*

Directory of experts and consultants in science and engineering. 2nd ed. Woodbridge, Conn., Research Publications, 1987. 2 v. TA12.D4885*

Elliott, Clark A. Biographical dictionary of American science; the seventeenth through the nineteenth centuries. Consultant editors, Sally Gregory Kohlstedt and others. Westport, Conn., Greenwood Press, 1979. 360 p. Q141.E37*

Fortune. Great American scientists: America's rise to the forefront of world science. Englewood Cliffs, N.J., Prentice-Hall, 1961. 144 p. Q127.U6F6

Haber, Louis. Black pioneers of science and invention. New York, Harcourt, Brace & World, 1970. 181 p. Q141.H2*

Bibliography: p. 168-176.

Harris, Jonathan. Scientists in the shaping of America. Menlo Park, Calif., Addison-Wesley Pub. Co., 1971. 142 p. Q141.H293

Jaffe, Bernard. Men of science in America; the story of American science told through the lives and achievements of twenty outstanding men from earliest colonial times to the present day. Rev. ed. New York, Simon and Schuster, 1958. 715 p. Q127.U6J27 1958*

Jordan, David Starr. Leading American men of science. New York, H. Holt, 1910. 471 p. Q141.J7

Includes: Benjamin Thompson (Count Rumford), Alexander Wilson, John James Audubon, Benjamin Silliman, Joseph Henry, Louis Agassiz, Jeffries Wyman, Asa Gray, James Dwight Dana, Spencer Fullerton Baird, Othniel Charles Marsh, Edward Drinker Cope, Josiah Willard Gibbs, Simon Newcomb, George Brown Goode, Henry Augustus Rowland, and William Keith Brooks.

Klein, Aaron E. The hidden contributors; Black scientists and inventors in America. Garden City, N.Y., Doubleday, 1971. 203 p. E185.8.K56

LC copy missing.

Kohlstedt, Sally G. Appendix: biographical directory of the AAAS, 1848-60. In her The formation of the American scientific community; the American Association for the Advancement of Science, 1848-60. Urbana, University of Illinois Press, 1976. p. 267-330. Q11.A53K63*

Leaders in American science. 8th ed.; 1968/69. Hattiesburg, Miss., Who's Who in American Education, 1968. 681 p. Q141.L43*

National Academy of Sciences. Biographical memoirs. v.1+ Washington, D.C., 1877+ Q141.N2

National union catalog of manuscript collections. 1959/61+ Washington, Library of Congress. Z6620.U5N3 SSRR

Catalogs and indexes now published annually in separate volumes; indexes are reissued in quinquennial cumulations.

Noble, Iris. Contemporary women scientists of America. New York, J. Messner, 1979. 158 p. Q141.N67*

Contents: Seven 20th century pioneers.--Margaret Mead.--Joanne Simpson.--Estelle Ramey.--Charlotte Friend.--Chien Shiung Wu.--Dixie Lee Ray.--Isabella Karle.--Elizabeth Shull Russell.--Mildred Dresselhaus.

A Passion to know; 20 profiles in science. Allen L. Hammond, editor. New York, Scribner, 1984. 240 p. Q141.P374 1984

Includes: Subrahmanyan Chandrasekhar, Carleton Gajdusek, Sheldon Glashow, Margaret Mead, Gerald Wasserburg, Robert Trivers, Kurt Gödel, Bernd Heinrich, Frank Oppenheimer, Michael McElroy, Barbara McClintock, Charles Darwin, Robert Wilson, Herbert Simon, James Lovelock, Birgit Zipser, John Wheeler, Tuzo Wilson, Mark Ptashne, and Albert Einstein.

Special Libraries Association. Science-Technology Division. Handbook of scientific and technical awards in the United States and Canada, 1900-1952. Edited by Margaret A. Firth. New York, Special Libraries Association, 1956. 491 p. Q141.S63*

Swisher, Robert. Black American biography, compiled by Robert Swisher; and Black American scientists, compiled by Carol Tullis; and Black Americans in public affairs, compiled by Richard Hicks. Bloomington, Indiana University Libraries, 1969. 52 p. Z1361.N39S93

Thiesmeyer, Lincoln R., and John E. Burchard. Combat scientists. Boston, Little, Brown, 1947. 412 p. D810.S2T5

United States. Library of Congress. General Reference and Bibliography Division. Biographical sources for the United States. Compiled by Jane Kline. Washington, 1961. 58 p. Z663.28.B53 MRR A1c

Who was who in American history--science and technology. A component of Who's who in American history. 76 bicentennial ed. Chicago, Marquis Who's Who, 1976. 688 p. Q149.U5W5*

Who's who in frontiers of science and technology. 2nd+ ed. Chicago, Marquis Who's Who, 1985+ Q141.W57*

Yost, Edna. American women of science. Rev. ed. Philadelphia, Lippincott, 1955. 232 p. Q130.Y6 1955
Includes: Ellen H. Richards, Annie Jump Cannon, Alice Hamilton, Florence Rena Sabin, Mary Engle Pennington, Lillian Moller Gilbreth, Libbie Henrietta Hyman, Wanda K. Farr, Hazel K. Stiebeling, Florence B. Seibert, Katharine Burr Blodgett, and Margaret Mead.

----- Modern Americans in science and invention. New York, F. A. Stokes Co., 1941. 270 p. Q141.Y63
Includes: Ezra Cornell, John Francis Appleby, Stephen Smith, Samuel F. Langley, John Brashear, Ambrose Swasey, William Crawford Gorgas, Harvey Washington Wiley, Elmer A. Sperry, George Washington Carver, Leo Hendrik Baekeland, Willis H. Carrier, Charles F. Kettering, Frederick G. Cottrell, Robert R. Williams, Vladimir K. Zworykin, and Emil Truog.

Young, Herman A., and Barbara H. Young. Scientists in the Black perspective. Louisville, Ky., Lincoln Foundation, 1974. 185 p. Q147.Y68

Zuckerman, Harriet. Scientific elite: Nobel laureates in the United States. New York, Free Press, 1977. 335 p. Q149.U5Z8*

NATIONAL SOURCES—OTHER COUNTRIES (SELECTED)

Académie des sciences, Paris. Index biographique des membres et correspondants de l'Académie des sciences du 22 décembre 1666 au 15 novembre 1954. 2. ed. Paris, Gauthier-Villars, 1954. 534 p. Q46.A163 1954

Akademie der Wissenschaften, Vienna. Österreichische Naturforscher und Techniker. Wien, Gesellschaft für Natur und Technik, 1951. 216 p.
Includes 92 biographical sketches. Q141.A4

Alphandéry, Marie F. Dictionnaire des inventeurs français. Paris, Éditions Seghers, 1963, c1962. 371 p. T39.A53
Short biographies of 750 French inventors, with a subject index.

Beek, Leo. Dutch pioneers of science. Assen, Netherlands, Van Gorcum, 1985. 181 p. Q141.B35 1985

Capparoni, P. Profili bio-bibliografici di medici e naturalisti celebri italiani dal sec. XV° al sec. XVIII°. Roma, Istituto naz. medico farmacologico "Serono," 1928-32. 2 v. Q141.C15

Deutsche Forscher aus sechs Jahrhunderten; Lebensbilder von Ärzten, Naturwissenschaftlern und Technikern. Leipzig, Bibliographisches Institut, 1965. 440 p. Q141.D45

Diccionario histórico de la ciencia moderna en España. José M. López Piñero et al. Barcelona, Península, 1983. 2 v. (Historia, ciencia, sociedad, 180-181. Serie universitaria) Q141.D48 1983*

France. Délégation générale à la recherche scientifique et technique. Répertoire des scientifiques français. Paris, Office national des universités et écoles françaises, 1962-67. 5 v. Q145.F7 Cat Ref

Fueter, Eduard, ed. Grosse Schweizer Forscher. 2., erw. Aufl. Zürich, Atlantis Verlag, 1941. 340 p. Q141.F8 1941
Includes biographical sketches of 130 scientists.

Garcia, Carlos, and Edward Garcia. Science of the Spanish speaking people; a dictionary of great Latin scientists. s.l., Garcia Enterprises, 1982. 161 p. Q141.G37 1982
Bibliography: p. 157-161.

Gerrits, G. C. Grote Nederlanders, bij de opbouw der natuurwetenschappen. Leiden, E. J. Brill, 1948. 518 p. Q141.G48

Hall, Alfred R. The Abbey scientists. London, R. & R. Nicholson, 1966. 72 p. Q141.H23
Notes on 56 scientists buried or represented by memorials in Westminister Abbey.

Jöcher, Christian G. Allgemeines Gelehrten-Lexicon. Leipzig, Gleditsch, 1750-51. 4 v. Z1010.J63 MRR Biog
----- ----- Fortsetzung und Ergänzungen. Leipzig, Gleditsch, 1784-87; Delmenhorst, Jöntzen, 1810; Bremen, Heyse, 1813-19; Leipzig, Selbstverlag der Deutschen Gesellschaft, 1897. 7 v.
Z1010.J63 MRR Biog
Continuation covers A-Romuleus only; no more published. MRR Biog set incomplete.

Lindroth, Sten, ed. Swedish men of science, 1650-1950. Translated from the Swedish by Burnett Anderson. Stockholm, Swedish Institute, Almqvist & Wiksell, 1952. 295 p. Q127.S87L5

Lſudi russkoi nauki; ocherki o vydaſushchikhsſa deſatelſakh estestvoznaniſa i tekhniki. Matematika, mekhanika, astronomiſa, fizika, khimiſa. Pod red. I. V. Kuznefsova. Moskva, Gos. izd-vo fiziko-matematicheskoĭ lit-ry, 1961. 599 p. Q141.L69

Men of science & technology in India (III). In Reference guide of India; who's who. Edited by Raj K. Khosla. v. 1. New Delhi, Premier Publishers (India), 1973. p. 107-178. CT1502.R43 So Asia

Műszaki nagyjaink. Budapest, Gépipari Tudományos Egyesület, 1981+ Q141.M83 1981

Vols. 1-3 (2nd ed.) published in 1983 and edited by B. Szőke; v. 4-6 edited by I. Pénzes.

Contents: 1. Az áramlástan művelői, a kalorikus gépek, a gazdasági és szerszámgépgyártás fejlesztői sorából.--2. A bányászat, a kohászat, gépészet, az erősáramú elektrotechnika és villamos vontatás nagyjai sorából.--3. Fizikus és matematikus alkotó, oktatók, főként a mernökképzés tanárai sorából.--4. Reneszánsz gépészet, a repülés úttörői, a matematika, a fizika és a kémia alkotói.--5. A magyar gépészet alkotói, egyetemi oktatók.--6. Matematikusok, az oktatás, a gépészet és a villamos vontatás alkotói, kiváló lisztvegyészek.--

New Zealand Association of Scientists. Directory of New Zealand science. 5th ed. Edited by K. J. Aldous. Wellington, 1975. 205 p. Q145.N4 1975

Pakistan Association of Scientists and Scientific Professions. Scientists and technologists of Pakistan, a directory. Karachi, 1966. 367 p. Q145.P25 Cat Ref

Parry, Albert. The Russian scientist. New York, Macmillan, 1973. 196 p. Includes chapters on 7 Russian scientists. Q141.P37*

Prakash, Satya. Founders of sciences in ancient India. New Delhi, Research Institute of Ancient Scientific Studies, 1965. 675, 10 p. Q127.I4P7*

Royal Society of London. Biographical memoirs of fellows. v. 1+ 1955+ London. Q41.L8476

Continues the society's Obituary notices of fellows, v. 1-9, 1932-54.

Scholta, Karl, comp. Deutsche Wissenschaftler und Forscher im niederländischen Raum seit 1600. Soest (Holland), "Der Meilenstein" Verlag, 1943. 2 v. (Veröffentlichung der Forschungsstelle "Volk und Raum," Nr. 1-2) Q141.S32

Scientists in nineteenth century Australia; a documentary history. Edited with introds. by Ann Mozley Moyal. Melbourne, Cassell Australia, 1976. 280 p. Q127.A8S26

Scientists in the Philippines. Manila, National Science Development Board, 1975-78. 2 v. Q141.S295 1975
Each volume contains chapters on 10 scientists, all of them deceased.

Scienziati del Settecento. A cura di Maria Luisa Altieri Biagi e di Bruno Basile. Milano, R. Ricciardi, 1983. 1104 p. (La Letteratura italiana; storia e testi, v. 45) Q125.S4386 1983

Sikka, Pawan K. Through difficulties toward stars; an account of the life and work of Nobel laureate Soviet scientists. Delhi, Young Man, 1973. 71 p. Q141.S49
Includes: Ivan Pavlov; Elie Metchnikoff; Nikolai Semenov; Pavel Cherenkov; Igor Tamm and Ilia Frank; Lev Landau and Aleksandr Prokhorov; and Nikolai Basov.

Some nineteenth century British scientists. Edited by R. Harré. Oxford, New York, Pergamon Press, 1969. 259 p. (The Commonwealth and international library. Liberal studies division. Science and society, v. 5) Q141.S567 1969
Includes: Charles Wyville Thomson, James Murray, Arthur Cayley, Francis Galton, Lord Kelvin, Norman Lockyer, Sidney Gilchrist Thomas, and William Ramsay.

Tibenský, Ján. Priekopníci vedy a techniky na Slovensku. Ján Tibenský a kolektív. 1+ Bratislava, Obzor, 1986+ Q141.T53 1986

Turkevich, John. Soviet men of science; academicians and corresponding members of the Academy of Sciences of the USSR. Princeton, N.J., D. Van Nostrand Co., 1963. 441 p. Q141.T83*

United States. Joint Publications Research Service. Biographical sketches of Soviet scientific personalities. New York, 1960. 387 p. (JPRS 2893) AS36.U57, no. 2893
Translated from the Bol'shaĭa sovetskaĭa entsiklopediĭa. The sketches are arranged in the order of the cyrillic alphabet and go only through the letter L.

Who's who in Soviet science and technology. Compiled by Ina Telberg. 2nd ed., rev. and enl. New York, Telberg Book Co., 1964. 301 p. Q127.R9W5 1964*

Who's who of British scientists, 1971/72. Athens, Ohio University Press, 1971. 1022 p. Q145.D52

SUBJECT SOURCES

Aeronautics and Astronautics

Adams, Jean, Margaret Kimball, and Jeanette Eaton. Heroines of the sky. Freeport, N.Y., Books for Libraries Press, 1970. 295 p. TL539.A3 1970
Reprint of the 1942 ed.

Brooks-Pazmany, Kathleen L. United States women in aviation, 1919-1929. Washington, Smithsonian Institution Press, 1983. 57 p. (Smithsonian studies in air and space, no. 5) TL539.B76 1983

Cassutt, Michael. Who's who in space; the first 25 years. Boston, Mass., G. K. Hall, 1987. 311 p. TL788.5.C37 1987*

Holland, Maurice, and Thomas M. Smith. Architects of aviation. Freeport, N.Y., Books for Libraries Press, 1971. 214 p. TL539.H57 1971
Reprint of the 1951 ed.

Humphlett, Patricia E. Astronauts and cosmonauts; biographical and statistical data. Report. Prepared by the Congressional Research Service, Library of Congress; transmitted to the Committee on Science and Technology, U.S. House of Representatives, Ninety-ninth Congress, first session. Rev. June 28, 1985. Washington, U.S. Govt. Print. Off., 1985. 402 p. TL789.85.A1H86 1985*

Makers of the United States Air Force. Edited by John L. Frisbee. Washington, Office of Air Force History, U.S. Air Force; for sale by the Supt. of Docs., U.S. Govt. Print. Off., 1987. 347 p. UG626.M35 1987*

National Aviation Hall of Fame (U.S.). Enshrinee album: "the first twenty-one years," by James W. Jacobs. Dayton, Ohio, National Aviation Hall of Fame, 1984. 230 p. TL539.N37 1984*

Oakes, Claudia M. United States women in aviation, 1930-1939. Washington, Smithsonian Institution Press, 1985. 70 p. (Smithsonian studies in air and space, no. 6) TL521.017 1985

----- United States women in aviation through World War I. Washington, Smithsonian Institution Press, 1978. 44 p. (Smithsonian studies in air and space, no. 2) TL553.034

Peters, Raymond E., and Clinton M. Arnold. Black Americans in aviation. San Diego, Calif., Neyenesch Printers, 1975. 85 p. TL553.P47

Pioneers of aviation, a photo-biography; historical data and reproductions compiled by D. D. Hatfield. Inglewood, Calif., Northrop University Press, 1976. 204 p. (Biography series, no. 1) TL539.P56

Riverain, Jean. Dictionnaire des aéronautes célèbres. Paris, Librairie Larousse, 1970. 159 p. TL539.R56 MRR Biog

Stoiko, Michael. Pioneers of rocketry. New York, Hawthorn Books, 1974. 129 p. TL781.85.A1S76 1974

Thomas, Shirley. Men of space; profiles of the leaders in space research, development, and exploration. Philadelphia, Chilton Co., Book Division, 1960-68. 8 v. TL789.85.A1T48*

United States. National Aeronautics and Space Administration. Space scientists and engineers; selected biographical and bibliographical listing, 1957-1961. Washington, U.S. Govt. Print. Off., 1962. 332 p. (Its NASA SP-5) TL521.A333, no. 5
By Charles D. Thibault and Lynn E. Catoe, Science and Technology Division, Library of Congress.

Who's who in aviation. New York, Harwood & Charles Pub. Co., 1973. 311 p. TL539.W54 1973

Who's who in aviation and aerospace. U.S. ed. 1983. Boston, National Aeronautical Institute, 1983. 1415 p. TL539.W57 1983*
No more published.

Who's who in space. 1966/67. Washington, Space Publications, 1965. 328 p. TL789.85.A1W5

Who's who in world aviation and astronautics. 2nd ed. Washington, American Aviation Publications, 1958. 497 p. TL539.W58 1958

Wolko, Howard S. In the cause of flight: technologists of aeronautics and astronautics. Washington, Smithsonian Institution Press, 1981. 121 p. (Smithsonian studies in air and space, no. 4) TL539.W67 1981*

Agriculture

Agricultural & veterinary sciences international who's who. 3rd ed. Harlow, Essex, UK, Longman; Detroit, distributed by Gale Research Co., 1987. 2 v. S415.W48 1987*
Previous eds. entitled Who's who in world agriculture.

Cannon, Grant G. Great men of modern agriculture. New York, Macmillan, 1963. 256 p. S415.C3

Clepper, Henry E., comp. Leaders of American conservation. New York, Ronald Press Co., 1971. 353 p. S926.A2C54

Dies, Edward J. Titans of the soil; great builders of agriculture. Westport, Conn., Greenwood Press, 1976. 213 p. S415.D5 1976
Reprint of the 1949 ed.
Includes: George Washington, Thomas Jefferson, Elkanah Watson, Eli Whitney, Henry L. Ellsworth, Edmund Ruffin, John Deere, Cyrus Hall McCormick, Justin S. Morrill, Samuel W. Johnson, Wilbur Olin Atwater, Seaman A. Knapp, Stephen Moulton Babcock, Theobald Smith, Mark A. Carleton, Harvey W. Wiley, and George Harrison Shull.

Franz, Günther, and Heinz Haushofer. Grosse Landwirte. Frankfurt (Main), DLG-Verlag, 1970. 435 p. S415.F7

Hutchinson, Martin T. Roster of scientists for the major food crops of the world. Washington, Office of Agriculture, Technical Assistance Bureau, Agency for International Development, Dept. of State, 1973. 187, 48 p. S415.H87

United States. Congress. House. Committee on Agriculture. Men and milestones in American agriculture. Eighty-ninth Congress, second session. Washington, U.S. Govt. Print. Off., 1966. 59 p. S415.U53

Astronomy

Ball, Sir Robert S. Great astronomers. Plainview, N.Y., Books for Libraries Press, 1974. 372 p. QB35.B18 1974
Reprint of the 1895 ed.
Includes: Ptolemy, Copernicus, Tycho Brahe, Galileo, Kepler, Newton, Flamsteed, Halley, Bradley, William Herschel, Laplace, Brinkley, John Herschel, the Earl of Rosse, Airy, Hamilton, Le Verrier, and Adams.

Barr, Ernest Scott. Biographical material in the first one hundred volumes of the Astrophysical journal. Isis, v. 65, Dec. 1974: 513-515. Q1.I7, v. 65

The Biographical dictionary of scientists. Astronomers. General editor, David Abbott. New York, P. Bedrick Books, 1984. 204 p. QB35.B56 1984*

British Astronomical Association, London. Historical Section. Who's who in the moon; notes on the names of all lunar formations adopted in 1935 by the International Astronomical Union. Edinburgh, Printed and published for the Association by Neill, 1938. 130 p. (Its Memoirs, v. 34, pt. 1) QB1.B8, v. 34

Crowther, James G. Six great astronomers: Tycho Brahe, Kepler, Halley, Herschel, Russell, Eddington. London, H. Hamilton, 1961. 191 p. QB35.C75

Dunkin, Edwin. Obituary notices of astronomers, fellows and associates of the Royal Astronomical Society. London, Williams & Norgate, 1879. 257 p. QB35.D9

Kolchinskiĭ, Ilʹi͡a G., Alla A. Korsun', and Modest G. Rodriges. Astronomy; biograficheskiĭ spravochnik. Izd. 2-e, dop. i perer. Kiev, Naukova dumka, 1986. 509 p. QB35.K58 1986*
Bibliography: p. 488-499.

Land, Barbara. The telescope makers, from Galileo to the space age. New York, Crowell, 1968. 245 p. QB88.L3

Lodge, Sir Oliver J. Pioneers of science, and the development of their scientific theories. New York, Dover Publications, 1960. 404 p. QB35.L82 1960
Reprint of the 1926 ed.

Macpherson, Hector C. Biographical dictionary of astronomers. Edinburgh, 1940. 82 leaves. QB35.M18

Ronan, Colin A. The astronomers. New York, Hill and Wang, 1964. 232 p. QB15.R62

----- Astronomers royal. Garden City, N.Y., Doubleday, 1969. 224 p. QB33.G7R6 1969

Silverberg, Robert. Four men who changed the universe. New York, Putnam, 1968. 255 p. QB28.S5
About Copernicus, Tycho Brahe, Kepler, and Galileo.

Williams, Henry S. The great astronomers. New York, Simon and Schuster, 1930. 618 p. QB35.W5

Biological Sciences

Adams, Alexander B. Eternal quest; the story of the great naturalists. New York, Putnam, 1969. 509 p. QH26.A3
Includes: Linnaeus, Buffon, Lamarck, Cuvier, Alexander Wilson, Audubon, Humboldt, Lyell, Agassiz, Darwin, Wallace, T. H. Huxley, and Mendel.

The Auk. Biographies of members of the American Ornithologists' Union, by T. S. Palmer and others. Reprinted from "The Auk," 1884-1954. Edited by Paul H. Oehser. Washington, 1954. 630 p. QL671.A476

Barnhart, John H. Biographical notes upon botanists. Compiled by John Hendley Barnhart, bibliographer, and maintained in the New York Botanical Garden Library. Boston, G. K. Hall, 1965. 3 v. QK26.B38*

Berger, Melvin. Famous men of modern biology. New York, Crowell, 1968. 224 p. QH26.B4
Includes: Louis Pasteur, Robert Koch, Paul Ehrlich, Frederick Grant Banting, Alexander Fleming, Charles Darwin, Gregor Johann Mendel, Thomas Hunt Morgan, Hermann J. Muller, Wendell M. Stanley, Jonas E. Salk, Melvin Calvin, and Francis Crick and James Watson.

The Biographical dictionary of scientists. Biologists. General editor, David Abbott. New York, P. Bedrick Books, 1984, c1983. 182 p. QH26.B54 1984*

Biographien bedeutender Biologen; eine Sammlung von Biographien. Herausgeber, Werner Plesse und Dieter Rux. Berlin, Volk und Wissen, 1977. 384 p. QH26.B56

Biologi; biograficheskiĭ spravochnik. Avtory: T. P. Babiĭ et al. Kiev, Naukova dumka, 1984. 813 p. QH26.B565 1984 Cat Ref
Bibliography: p. 741-790.

Boylan, John W., comp. Founders of experimental physiology; biographies and translations. Munich, J. F. Lehmanns Verlag, 1971. 299 p. QP6.B65

Bulloch, William. Biographical notices of some early workers in bacteriology. In his The history of bacteriology. New York, Dover Publications, 1979. p. 349-406. QR21.B8 1979*
Reprint of the 1938 ed.

Clodd, Edward. Pioneers of evolution from Thales to Huxley; with an intermediate chapter on the causes of arrest of the movement. Freeport, N.Y., Books for Libraries Press, 1972. 274 p.
Reprint of the 1897 ed. QH361.C58 1972

Coates, Ruth A. Great American naturalists. Minneapolis, Lerner Publications Co., 1974. 103 p. QH26.C6
Includes: John and William Bartram, Alexander Wilson, John James Audubon, John Chapman ("Johnny Appleseed"), Henry David Thoreau, Edward Palmer, John Muir, John Burroughs, Luther Burbank, Theodore Roosevelt, Ernest Thompson Seton, George Washington Carver, and Rachel Carson.

Cox, Donald W. Pioneers of ecology. Maplewood, N.J., Hammond, 1971. 93 p. QH26.C68

Desmond, Ray. Dictionary of British and Irish botanists and horticulturists including plant collectors and botanical artists. London, Taylor & Francis; Totowa, N.J., distributed by Rowman & Littlefield, 1977. 747 p. QK26.D47 1977 Cat Ref
Based on A biographical index of British and Irish botanists, by J. Britten and G. S. Boulger.

Discovery processes in modern biology; people and processes in biological discovery. Edited by W. R. Klemm. Huntington, N.Y., R. E. Krieger Pub. Co., 1977. 338 p. QH26.D5

Elman, Robert. America's pioneering naturalists, their lives and times, exploits and adventures. Tulsa, Okla., Winchester Press, 1982. 231 p.
Rev. ed. of First in the field, 1977. QH26.E44 1982

Ewan, Joseph A., and Nesta D. Ewan. Biographical dictionary of Rocky Mountain naturalists; a guide to the writings and collections of botanists, zoologists, geologists, artists, and photographers, 1682-1932. Utrecht, Bohn, Scheltema & Holkema; The Hague, Boston, Dr. W. Junk; Hingham, Mass., distributor for the U.S. and Canada, Kluwer Boston, 1981. 253 p. (Regnum vegetabile, v. 107) QK96.R4, v. 107*

Geiser, Samuel W. Naturalists of the frontier. 2nd ed., rev. and enl. Dallas, University Press, Southern Methodist University, 1948. 296 p. QH26.G42 1948
Includes: Jacob Boll, Jean Louis Berlandier, Thomas Drummond, Audubon, Louis Cachand Ervendberg, Ferdinand Lindheimer, Ferdinand Roemer, Charles Wright, Gideon Lincecum, Julien Reverchon, and Gustaf Wilhelm Belfrage.

Gilbert, Pamela. A compendium of the biographical literature on deceased entomologists. London, British Museum (Natural History), 1977. 455 p. (British Museum (Natural History). Publication, no. 786) Z5856.G5

Hawks, Ellison. Pioneers of plant study. Freeport, N.Y., Books for Libraries Press, 1969. 288 p. QK26.H35 1969
Reprint of the 1928 ed.

Healey, Ben. The plant hunters. New York, Scribner, 1975. 214 p. QK26.H37

Hirsch, Gottwald C. Index biologorum; investigatores, laboratoria, periodica. Berlin, J. Springer, 1928. 545 p. QH26.H5

Hughes, Arthur F. W. The American biologist through four centuries. With a foreword by Derek de S. Price and Gloria Robinson. Springfield, Ill., Thomas, 1982. 386 p. QH305.2.U6H83
Bibliography: p. 354-377.

Humphrey, Harry B. Makers of North American botany. New York, Ronald Press Co., 1961. 265 p. (Chronica botanica, no. 21) QK1.C55, v. 21

Hunt Institute for Botanical Documentation. Biographical dictionary of botanists represented in the Hunt Institute portrait collection. Boston, G. K. Hall, 1972. 451 p. QK26.H83*

Institute of Ecology. Directory of environmental life scientists. Prepared by Institute of Ecology for the U.S. Army Corps of Engineers. Washington, U.S. Govt. Print. Off., 1974. 9 v. QH35.I48 1974

Kastner, Joseph. A species of eternity. New York, Knopf, 1977. 350 p. QH26.K38 1977

Kelly, Howard A. Some American medical botanists commemorated in our botanical nomenclature. New York, D. Appleton, 1929. 215 p.
First published 1914. QK26.K4 1929

Lſudi russkoĭ nauki; ocherki o vydaſushchikhsſa deſatelſakh estestvoznaniſa i tekhniki. Biologiſa, mediſsina, sel'skokhozhaĭstvennye nauki. Pod red. I. V. Kuzneſsova. Moskva, Gos. izd-vo fiziko-matematicheskoĭ lit-ry, 1963. 895 p. QH26.L58 Eur RR

Mallis, Arnold. American entomologists. New Brunswick, N.J., Rutgers University Press, 1971. 549 p. QL26.M24 1971*
Bibliography: p. 519-539.

Miall, L. C. The early naturalists, their lives and work (1530-1789). New York, Hafner Pub. Co., 1969. 396 p. QH26.M5 1912a
Reprint of the 1912 ed.

The Naturalists' directory and almanac (international). 1st+ ed.; 1877+ Gainesville, Fla., Flora & Fauna Publications. Q145.S4*
Title and imprint vary; occasional supplements issued.

Peattie, Donald C. Green laurels; the lives and achievements of the great naturalists. New York, Simon and Schuster, 1936. 368 p. QH26.P4

Pioneers in neuroendocrinology. Edited by Joseph Meites, Bernard T. Donovan, and Samuel M. McCann. New York, Plenum Press, 1975-78. 2 v. (Perspectives in neuroendocrine research, v. 1-2) QP356.4.P46

Raĭkov, Boris E. Russkie biologi-ėvolĭutsionisty do Darvina. Moskva, Izd-vo Akademiĭa nauk SSSR, 1951-59. 4 v. QH26.R25

Raven, Charles E. English naturalists from Neckam to Ray; a study of the making of the modern world. Cambridge, At the University Press, 1947. 379 p. QH26.R3

Royal Botanic Gardens, Kew. Draft index of author abbreviations. Compiled at the herbarium, Royal Botanic Gardens, Kew. London, H.M. Stationery Off., 1980. 269 p. (p. 250-269 blank) QK10.K48 1980*

Słownik biologów polskich. Redaktor Stanisław Feliksiak. Warszawa, Państwowe Wydawn. Naukowe, 1987. 617 p. QH26.S57 1987

Thomson, Sir John A. The great biologists. Freeport, N.Y., Books for Libraries Press, 1967. 176 p. QH26.T5 1967
Reprint of the 1932 ed.

Chemistry

American chemists and chemical engineers. Wyndham D. Miles, editor. Washington, American Chemical Society, 1976. 544 p. QD21.A43*

The Biographical dictionary of scientists. Chemists. General editor, David Abbott. New York, P. Bedrick Books, 1984, c1983. 203 p. QD21.B48 1984*

Biographien bedeutender Chemiker; eine Sammlung von Biographien. Hrsg. von Karl Heinig. 4., erg. und bearb. Aufl. Berlin, Volk und Wissen, 1977. 311 p. QD21.B5 1977

Bugge, Günther, ed. Das Buch der grossen Chemiker; unter Mitwirkung namhafter Gelehrter. Berlin, Verlag Chemie, 1929-30. 2 v. QD21.B8
Contents: Bd. 1. Von Zosimos bis Schönbein.--Bd. 2. Von Liebig bis Arrhenius.

Campbell, William A., and Norman N. Greenwood. Contemporary British chemists. London, Taylor & Francis, 1971. 286 p. QD21.C35

Farber, Eduard, ed. Great chemists. New York, Interscience Publishers, 1961. 1642 p. QD21.F35*

Farber, Eduard. Nobel prize winners in chemistry, 1901-1961. Rev. ed. London, New York, Abelard-Schuman, 1963. 341 p. QD21.F37 1963*

Findlay, Alexander, and William H. Mills, eds. British chemists. London, Chemical Society, 1947. 431 p. QD21.F5
Includes: William Crookes, James Dewar, Henry Edward Armstrong, Raphael Meldola, Harold Baily Dixon, William Ramsay, William Henry Perkin, Jr., Arthur George Perkin, Arthur George Green, Arthur Harden, William Jackson Pope, Gilbert Thomas Morgan, Arthur Lapworth, Jocelyn Field Thorpe, Thomas Martin Lowry, and George Barger.

Harrow, Benjamin. Eminent chemists of our time. 2nd ed., enl. New York, Van Nostrand, 1927. 471 p. QD21.H3 1927
Includes: William Henry Perkin, Sr., Dmitri Mendeleev, William Ramsay, Theodore William Richards, Jacobus Henricus van't Hoff, Svante Arrhenius, Henry Moissan, Marie Curie, Victor Meyer, Ira Remsen, and Emil Fischer.

Higgins, Thomas J. Book-length biographies of chemists. School science and mathematics, v. 44, Oct. 1944: 650-665. Q1.S28, v. 44

Jaffe, Bernard. Crucibles: the story of chemistry, from ancient alchemy to nuclear fission. New, rev. and updated 4th ed. New York, Dover Publications, 1976. 368 p. QD21.J3 1976
Bibliography: p. 342-354.

Nachmansohn, David. German-Jewish pioneers in science, 1900-1933; highlights in atomic physics, chemistry, and biochemistry. Berlin, New York, Springer-Verlag, 1979. 388 p. QD21.N33

Nobelstiftelsen, Stockholm. Nobel lectures, including presentation speeches and laureates' biographies: chemistry. Amsterdam, New York, Published for the Nobel Foundation by Elsevier Pub. Co., 1964-72. 4 v. QD39.N735*
Contents: v. 1. 1901-1921.--v. 2. 1922-1941.--v. 3. 1942-1962.--v. 4. 1963-1970.

Provenzal, Giulio C. Profili bio-bibliografici di chimici italiani, sec. XV-sec. XIX. Roma, Istituto nazionale medico farmacologico "Serono," 1938. 301 p. QD21.P7

Ruben, Samuel. The founders of electrochemistry. Philadelphia, Dorrance, 1975. 107 p. QD21.R82

Sachtleben, Rudolf, and Armin Hermann. Von der Alchemie zur Grossynthese; grosse Chemiker. 3. Aufl. München, E. Battenberg, 1969. 178 p. QD21.S2 1969

Smith, Henry Monmouth. Torchbearers of chemistry; portraits and brief biographies of scientists who have contributed to the making of modern chemistry. New York, Academic Press, 1949. 270 p. QD21.S55

Thorpe, Sir Thomas E. Essays in historical chemistry. London, Macmillan, 1923. 601 p. QD21.T52 1923
Includes: Robert Boyle, Joseph Priestley, Carl Wilhelm Scheele, Henry Cavendish, James Watt, Antoine-Laurent Lavoisier, Michael Faraday, Thomas Graham, Friedrich Wöhler, Jean Baptiste André Dumas, Hermann Kopp, Victor Meyer, Dmitri Mendeleev, Stanislao Cannizzaro, and Julius Thomsen.

Tilden, Sir William A. Famous chemists; the men and their work. Freeport, N.Y., Books for Libraries Press, 1968. 296 p. QD21.T6 1968
Reprint of the 1921 ed.

World directory of crystallographers and other scientists employing crystallographic methods. 7th ed. General editor, A. L. Bednowitz. Dordrecht, Boston, Published for the International Union of Crystallography by D. Reidel Pub. Co., 1986. 270 p. QD903.5.W6 1986*

Computer Sciences

Cortada, James W. Historical dictionary of data processing: biographies. New York, Greenwood Press, 1987. 321 p. QA76.15.C66 1987*

Marquis who's who directory of computer graphics. 1st+ ed.; 1984+ Chicago, Marquis Who's Who. T385.M3647*

Marquis who's who directory of online professionals. 1st+ ed.; 1984+ Chicago, Marquis Who's Who. QA76.55.M37*

Slater, Robert. Portraits in silicon. Cambridge, Mass., MIT Press, 1987. 374 p. TK7885.2.S57 1987*

Who's who in optical memories and interactive videodisks. San Francisco, Rothchild Consultants, 1983. 47, 34 p. TA1635.W48*

Engineering

American Society of Civil Engineers. Committee on History and Heritage of American Civil Engineering. A biographical dictionary of American civil engineers. New York, 1972. 163 p. (ASCE historical publication no. 2) TA139.A53

Bell, S. Peter. A biographical index of British engineers in the 19th century. New York, Garland Pub., 1975. 246 p. (Garland reference library of social science, v. 5) TA157.B44

The Biographical dictionary of scientists. Engineers and inventors. General editor, David Abbott. New York, P. Bedrick Books, 1986, c1985. 188 p. TA139.B56 1986*

Carvill, James. Famous names in engineering. London, Boston, Butterworths, 1981. 93 p. TA139.C37 1981*
Bibliography: p. 83-93.

Gille, Bertrand. The Renaissance engineers. London, Lund Humphries, 1966. 253 p. TA18.G5413 1966a
Translation of Les ingénieurs de la Renaissance.

Great engineers and pioneers in technology. v. 1. From antiquity through the Industrial Revolution. Editors, Roland Turner and Steven L. Goulden. New York, St. Martin's Press, 1981. 488 p. TA139.G7 1981*

Hart, Ivor B. The great engineers. Freeport, N.Y., Books for Libraries Press, 1967. 136 p. TA139.H3 1967
Reprint of the 1928 ed.

Higgins, Thomas J. A biographical bibliography of electrical engineers and electrophysicists. Technology and culture, v. 2, winter-spring 1961: 28-32, 246-265. T1.T27, v. 2

----- Book-length biographies of engineers, metallurgists and industrialists. Bulletin of bibliography, v. 18, Jan./Apr.-May/Aug. 1946: 207-210, 235-239; v. 19, Sept./Dec.: 10-12. Z1007.B94, v. 18-19

Ho, James K. K. Black engineers in the United States, a directory. Washington, Howard University Press, 1974. 281 p. TA12.H6*

Ingegneri ed architetti della generazione che fece l'Italia. A cura della Unione romana ingegneri architetti. Roma, U.R.I.A., 1976? 275 p. TA139.I53

Institute of Electrical and Electronics Engineers. Past to present: a century of honors; the first one-hundred years of award winners, honorary members, past presidents, and fellows of the Institute. New York, IEEE Press, 1984. 445 p. TK1.I422 1984*

Leipold, L. Edmond. Famous American engineers. Minneapolis, T. S. Denison, 1972. 82 p. TA139.L38
Includes: George Washington Goethals, Scott Turner, J. Brownlee Davidson, Lillian Moller Gilbreth, Washington Augustus Roebling, Ole Singstad, Vannevar Bush, John R. Suman, Elwood Mead, and Robert H. Goddard.

Matschoss, Conrad. Great engineers. Translated by H. Stafford Hatfield. Freeport, N.Y., Books for Libraries Press, 1970. 381 p.
Reprint of the 1939 ed. TA139.M3613 1970
Translation of Grosse Ingenieure.

Marquis international who's who in optical science and engineering. 1st+ ed.; 1985+ Chicago, Marquis Who's Who. QC15.M37*

Middlemas, Robert K. The master builders: Thomas Brassey; Sir John Aird; Lord Cowdray; Sir John Norton-Griffiths. London, Hutchinson, 1963. 328 p. TA139.M5

National Academy of Engineering. Memorial tributes. v. 1+ Washington, National Academy Press, 1979+ TA139.N34 1979*

Roysdon, Christine, and Linda A. Khatri. American engineers of the nineteenth century, a biographical index. New York, Garland Pub., 1978. 247 p. (Garland reference library of social science, v. 53) Z5851.R7*

Smiles, Samuel. Lives of the engineers, with an account of their principal works; comprising also a history of inland communication in Britain. New York, A. M. Kelley, 1968. 3 v. TA139.S65 1968
Reprint of the 1862 ed.

Sovetskie inzhenery; sbornik. Sostavitel' A. B. Ivanov. Moskva, "Molodaía gvardiía," 1985. 396 p. (Zhizn' zamechatel'nykh líudeĭ, 1985, vyp. 11) TA139.S73 1985

Stuart, Charles B. Lives and works of civil and military engineers of America. New York, Van Nostrand, 1871. 343 p. TA139.S92

Who's who in engineering. 3rd+ ed.; 1977+ New York, American Association of Engineering Societies. TA139.E37*
Continues Engineers of distincton.

Who's who in engineering; a biographical dictionary of the engineering profession. 9th ed. New York, Lewis Historical Pub. Co., 1964. 2198 p. TA139.W4 1964

Geology, Mineralogy, Paleontology

Biographien bedeutender Geowissenschaftler der Sowjetunion; 19 biographische Darstellungen zu bedeutenden Gelehrten der russischen und sowjetischen Geologiegeschichte. M. Guntau, Hrsg. Berlin, Akademie-Verlag, 1979. 199 p. (Schriftenreihe für geologische Wissenschaften, Heft 14) QE21.B56
Table of contents and summaries also in English and Russian.

Colbert, Edwin H. The great dinosaur hunters and their discoveries. New York, Dover Publications, 1984. 283 p. QE862.D5C6785 1984
Rev. ed. of Men and dinosaurs, 1968.

Fenton, Carroll L., and Mildred A. Fenton. Giants of geology. Garden City, N.Y., Doubleday, 1952. 333 p. QE21.F4 1952

Geikie, Sir Archibald. The founders of geology. 2nd ed. New York, Dover Publications, 1962. 486 p. QE11.G3 1962
Reprint of the 1905 ed.

Geological Society of America. Memorials. v. 1+ Boulder, Colo., The Society, 1973+ QE21.G46a

International Mineralogical Association. World directory of mineralogists. Compiled by M. Font-Altaba and Marjorie Hooker. Barcelona, Published for the I.M.A. by Editorial Jover, 1970. 170 p. QE361.A115 1970*

Lambrecht, Kálmán, Werner Quenstedt, and A. Quenstedt. Palaeontologi; catalogus bio-bibliographicus. New York, Arno Press, 1978. 495 p. QE21.L35 1978*
Reprint of the 1938 ed., which was issued as pars 72 of Fossilium catalogus, 1: Animalia.

Leben und Wirken deutscher Geologen im 18. und 19. Jahrhundert. Hrsg. von Hans Prescher. Leipzig, Deutscher Verlag für Grundstoffindustrie, 1985. 386 p. QE21.L38 1985

Lſudi russkoĭ nauki; ocherki o vydaſushchikhsſa deſatelſakh estestvoznaniſa i tekhniki. Geologiſa, geografiſa. Pod red. I. V. Kuznefsova. Moskva, Gos. izd-vo fiziko-matematicheskoĭ lit-ry, 1962. 579 p. QE21.L58

Molſavko, G. I., V. P. Franchuk, and V. G. Kulichenko. Geologi, geografy; biograficheskiĭ spravochnik. Kiev, Naukova dumka, 1985. 351 p. Bibliography: p. 328-344. QE21.M65 1985

Robson, D. A. Pioneers of geology. Newcastle upon Tyne, Natural History Society of Northumbria, the Hancock Museum, 1986. 73 p. Bibliography: p. 65-71. QE21.R58 1986

Rogers, Arthur W. The pioneers in South African geology and their work. Johannesburg, Geological Society of South Africa, 1937. 139 p. (Transactions of the Geological Society of South Africa. Annexure to v. 39) QE21.R6

Sarjeant, William A. S. Geologists and the history of geology; an international bibliography from the origins to 1978. New York, Arno Press, 1980. 5 v. Z6031.S28*
Contents: v. 1. Introduction.--v. 2. The individual geologists, A-K.--v. 3. The individual geologists, L-Z.--v. 4. Geologists indexed by country and specialty.--v. 5. Index of authors, editors, and translators. Appendix.
----- ----- Supplement, 1979-1984, and additions. Malabar, Fla., R. E. Krieger Pub. Co., 1987. 2 v. Z6031.S28 Suppl.*
Contents: v. 1. Bibliography.--v. 2. Index.

Shatskiĭ, N. S., and A. L. ſAnshin. Portrety geologov. Otv. redaktor N. A. Shtreĭs. Moskva, "Nauka," 1986. 302 p. QE21.S47 1986

Shaw, Margaret M. Geologists and prospectors: Tyrrell, Camsell, Cross, LaBine. Toronto, Clarke, Irwin, 1958. 190 p. (Canadian portraits) QE21.S48

Simpson, George Gaylord. Discoverers of the lost world; an account of some of those who brought back to life South American mammals long buried in the abyss of time. New Haven, Conn., Yale University Press, 1984. 222 p. QE881.S482 1984

Tikhomirov, Vladimir V. Geologiſa v Rossii pervoĭ poloviny 19 veka. Moskva, Izd-vo Akademii nauk SSSR, 1960-63. 2 v. QE13.R9T5

Wells, John W., and George W. White. Biographies of geologists. Ohio journal of science, v. 58, Sept. 1958: 285-298. Q1.O3, v. 58

Mathematics

Archibald, Raymond C. Mathematical table makers; portraits, paintings, busts, monuments, bio-bibliographical notes. New York, Scripta Mathematica, 1948. 82 p. (Scripta mathematica studies, no. 3) QA28.A7

Ashurst, F. Gareth. Founders of modern mathematics. London, F. Muller, 1982. 145 p. QA28.A83 1982*
Includes: Évariste Galois, Sir William Hamilton, George Boole, Arthur Cayley, Richard Dedekind, Georg Cantor, Felix Klein, Giuseppe Peano, David Hilbert, and "Nicholas Bourbaki."

Bandomir, Andrzej. Poczet uczonych polskich (pionierów nauk matematyczno-przyrodniczych). Warszawa, Nasza Ksieg., 1975. 282 p. QA28.B25

Bell, Eric T. Men of mathematics. New York, Simon and Schuster, 1937. 592 p. QA28.B4

The Biographical dictionary of scientists. Mathematicians. General editor, David Abbott. New York, P. Bedrick Books, 1986, c1985. 175 p. QA28.B54 1986*

Biographien bedeutender Mathematiker; eine Sammlung von Biographien. Hrsg. von Hans Wussing und Wolfgang Arnold. Berlin, Volk und Wissen, 1975. 533 p. QA28.B55

Black mathematicians and their works. Edited by Virginia K. Newell and others. Ardmore, Pa., Dorrance, 1980. 327 p. QA28.B58*

Bogolʃubov, Alekseĭ N. Matematiki, mekhaniki; biograficheskiĭ spravochnik. Kiev, Naukova dumka, 1983. 637 p. QA28.B64 1983
Bibliography: p. 589-618.

Fang, Joong. Mathematicians from antiquity to today. A prelim. ed. v. 1. Hauppauge, N.Y., Paideia Press, 1972. 341 p. QA28.F3*

Hooper, A. Makers of mathematics. New York, Random House, 1958, c1948. 402 p. (Modern library paperbacks, P38) QA21.H76 1958

Macfarlane, Alexander. Lectures on ten British mathematicians of the nineteenth century. New York, Wiley, 1916. 148 p. (Mathematical monographs, no. 17) QA28.M2
Includes: George Peacock, Augustus De Morgan, Sir William Hamilton, George Boole, Arthur Cayley, William Kingdon Clifford, Henry John Stephen Smith, James Joseph Sylvester, Thomas Penyngton Kirkman, and Isaac Todhunter.

Mathematical people; profiles and interviews. Donald J. Albers and G. L. Alexanderson, editors. Boston, Birkhäuser, 1985. 372 p. QA28.M37 1985*

Meschkowski, Herbert. Mathematiker-Lexikon. 3., überarb. und erg. Aufl. Mannheim, Bibliographisches Institut, 1980. 342 p. QA28.M4 1980*
Bibliography: p. 311-342.

Morgan, Brian S. Men and discoveries in mathematics. London, J. Murray, 1972. 235 p. QA21.M827

Muir, Jane. Of men and numbers; the story of the great mathematicians. New York, Dodd, Mead, 1961. 249 p. QA28.M8
Includes: Pythagoras, Euclid, Archimedes, Cardano, Descartes, Pascal, Newton, Euler, Gauss, Lobachevskii, Galois, and Cantor.

Nielsen, Niels. Géomètres français du dix-huitième siecle. Copenhague, Levin & Munksgaard, 1935. 437 p. QA28.N47

----- Géomètres français sous la Révolution. Copenhague, Levin & Munksgaard, 1929. 250 p. QA28.N48

Osen, Lynn M. Women in mathematics. Cambridge, Mass., MIT Press, 1974. 185 p. QA28.083 1974*
Includes: Hypatia, the "witch" of Agnesi, the Marquise du Châtelet, Caroline Herschel, Sophie Germain, Mary Somerville, Sof'ſa Kovalevskaſa, and Emmy Noether.

Perl, Teri. Math equals; biographies of women mathematicians. Menlo Park, Calif., Addison-Wesley Pub. Co., 1978. 250 p. QA28.P47
Includes: Hypatia, the Marquise du Châtelet, Maria Gaetana Agnesi, Sophie Germain, Mary Somerville, Ada Byron Lovelace, Sof'ſa Kovalevskaſa, Grace Chisholm Young, and Emmy Noether.

Sánchez Pérez, José A. Biografías de matemáticos árabes que florecieron en España. Madrid, E. Maestre, 1921. 163 p. QA28.S3

Smith, Steven B. The great mental calculators; the psychology, methods, and lives of calculating prodigies, past and present. New York, Columbia University Press, 1983. 374 p. QA28.S65 1983*

Stonaker, Frances B. Famous mathematicians. Philadelphia, Lippincott, 1966. 118 p. QA28.S7
Includes: Euclid, Archimedes, Aryabhata, al-Khuwārizmī, Descartes, Newton, Lagrange, Gauss, Galois, Von Neumann, and Wiener.

Taylor, Eva G. R. The mathematical practitioners of Hanoverian England, 1714-1840. Cambridge, Published for the Institute of Navigation by Cambridge University Press, 1966. 503 p. QA27.G7T28 G&M
Biographical data on more than 2,200 individuals.
----- ----- An index to The mathematical practitioners of Hanoverian England, 1714-1840, by E. G. R. Taylor. Compiled by Kate Bostock, Susan Hurt, Michael Hurt. London, H. Wynter, 1980. 23 p. QA27.G7T2833 1980

----- The mathematical practitioners of Tudor & Stuart England. Cambridge, Published for the Institute of Navigation by Cambridge University Press, 1954. 442 p. QA27.G7T3*

Turnbull, H. W. The great mathematicians. New York, New York University Press, 1961. 141 p. QA28.T8 1961

Women of mathematics; a biobibliographic sourcebook. Edited by Louise S. Grinstein and Paul J. Campbell. New York, Greenwood Press, 1987. 292 p. QA28.W66 1987*

Medical Sciences

American nursing, a biographical dictionary. Vern L. Bullough, Olga Maranjian Church, Alice P. Stein. New York, Garland Pub., 1988. 358 p. (Garland reference library of social science, v. 368) RT34.A44 1988*

American Psychiatric Association. Biographical directory, fellows and members. 1940+ Washington. RC326.A56*

Bailey, Hamilton, and W. J. Bishop. Notable names in medicine and surgery. 3rd ed. London, H. K. Lewis, 1959. 216 p. R134.B3 1959

Bettany, G. T. Eminent doctors, their lives and their work. Freeport, N.Y., Books for Libraries Press, 1972. 2 v. R489.A1B5 1972
Reprint of the 1885 ed.

Bibliography of the history of medicine. no. 1+ 1965+ Bethesda, Md., U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine.
Annual, with quinquennial cumulations. Z6660.B5822*
The first part of each volume lists collected and individual biographies.

Biographisches Lexikon der hervorragenden Ärzte aller Zeiten und Völker. Berlin, Urban & Schwarzenberg, 1929-34. 5 v. Z6658.B61 1929 MRR Biog
Supplemented by:
Fischer, Isidor, ed. Biographisches Lexikon der hervorragenden Ärzte der letzten 50 Jahre. Berlin, Urban & Schwarzenberg, 1932-33. 2 v. Z6658.B62 MRR Biog

A Century of Black surgeons; the U.S.A. experience. Edited by Claude H. Organ, Jr., and Margaret M. Kosiba. Norman, Okla., Transcript Press, 1987. 2 v. RD27.34.C46 1987 MRR Biog

De Kruif, Paul H. Men against death. New York, Harcourt, Brace, 1932. 363 p. R134.D4
Includes: Ignác Semmelweis, Frederick Banting, George R. Minot, Roscoe Spencer, Alice Evans, George McCoy, Fritz Schaudinn, Jules Bordet, Julius Wagner-Jauregg, Niels Finsen, Auguste Rollier, and Ove Strandberg.

Dictionaire des sciences médicales. Biographie médicale. Paris, C. L. F. Panckoucke, 1820-25. 7 v. R134.D55

Dictionary of American medical biography. Martin Kaufman, Stuart Galishoff, Todd L. Savitt, editors. Westport, Conn., Greenwood Press, 1984. 2 v. R153.D53 1984*

Dictionary of American nursing biography. Martin Kaufman, editor-in-chief. New York, Greenwood Press, 1988. 462 p. RT34.D53 1988*

Directory of medical specialists. 1st+ ed.; 1939+ Chicago, Marquis Who's Who. R712.A1D5*

Dizionario biografico della storia della medicina e delle scienze naturali (liber amicorum). A cura di Roy Porter. Milano, F. M. Ricci, 1985+
Contents: t. 1. A-E.--t. 2. F-K.-- R134.D59 1985

Dobson, Jessie. Anatomical eponyms; being a biographical dictionary of those anatomists whose names have become incorporated into anatomical nomenclature, with definitions of the structures to which their names have been attached and references to the works in which they are described. London, Bailliere, Tindall & Cox, 1946. 240 p. QM16.A2D6

Haymaker, Webb, and Francis Schiller. The founders of neurology; one hundred and forty-six biographical sketches by eighty-eight authors. 2nd ed. Springfield, Ill., Thomas, 1970. 616 p. R134.H29 1970

Holloway, Lisabeth M. Medical obituaries; American physicians' biographical notices in selected medical journals before 1907. New York, Garland Pub., 1981. 513 p. (Garland reference library of social science, v. 104) R153.H64 1981*

Hurd-Mead, Kate C. A history of women in medicine, from the earliest times to the beginning of the nineteenth century. New York, AMS Press, 1977. 569 p. R692.M38 1977
Reprint of the 1938 ed.

John E. Fogarty International Center for Advanced Study in the Health Sciences. Geographic Health Studies. Soviet personalities in biomedicine. Bethesda, Md., U.S. Dept. of Health, Education and Welfare, Public Health Service, National Institutes of Health, 1974. 968 p. (DHEW publication no. (NIH) 74-699) R713.57.J64 1974

Kelly, Howard A., and Walter L. Burrage. Dictionary of American medical biography; lives of eminent physicians of the United States and Canada, from the earliest times. Boston, Milford House, 1971. xxx, 1364 p.
Reprint of the 1928 ed. R153.K3 1971 MRR Biog
Bibliography: p. ix-xxx.

Koren, Nathan. Jewish physicians, a biographical index. Jerusalem, Israel Universities Press, 1973. 275 leaves. R134.K67 1973

Library of the New York Academy of Medicine. Catalog of biographies. Boston, G. K. Hall, 1960. 165 p. R134.N4*

Lovejoy, Esther P. Women doctors of the world. New York, Macmillan, 1957. 413 p. R692.L7

Marquis who's who in cancer; professionals and facilities. 1st+ ed.; 1985+ Chicago, Marquis Who's Who. RC261.A1M37*

Marquis who's who in rehabilitation; professionals and facilities. 1st+ ed.; 1985+ Chicago, Marquis Who's Who. RM930.A1M37*

Martin, Wayne. Medical heroes and heretics. Old Greenwich, Conn., Devin-Adair Co., 1977. 242 p. R134.M33

Medical sciences international who's who. 3rd+ ed.; 1987+ Harlow, Essex, UK, Longman; Detroit, distributed in the USA and Canada by Gale Research Co. R134.I57*
Continues International medical who's who, 1980-85.

Metchnikoff, Elie. The founders of modern medicine: Pasteur, Koch, Lister. Freeport, N.Y., Books for Libraries Press, 1971. 387 p.
Reprint of the 1939 ed. R134.M42 1971

Miller, Genevieve, ed. Biography. In her Bibliography of the history of medicine of the United States and Canada, 1939-1960. Baltimore, Johns Hopkins Press, 1964. p. 1-126. Z6661.U5M52*

Morais, Herbert M. The history of the Negro in medicine. 3rd ed. New York, Publishers Co., 1969. 322 p. R695.M6 1969
Bibliography: p. 283-309.
Science Reading Room has 1st ed. (1967. 317 p. R695.M6*).

Nobelstiftelsen, Stockholm. Nobel lectures, including presentation and laureates' biographies: physiology or medicine. Amsterdam, New York, Published for the Nobel Foundation by Elsevier Pub. Co., 1964-72. 4 v. R111.N58*
Contents: v. 1. 1901-1921.--v. 2. 1922-1941.--v. 3. 1942-1962.--v. 4. 1963-1970.

Nuland, Sherwin B. Doctors; the biography of medicine. New York, Knopf, 1988. 519 p. R134.N85 1988*
Bibliography: p. 491-510.

Payne, L. M. Material for medical biography. In International Congress of Medical Librarianship, 3rd, Amsterdam, 1969. Proceedings. Amsterdam, Excerpta Medica, 1970. p. 251-257. Z675.M4I487

Plarr, Victor G. Plarr's lives of the fellows of the Royal College of Surgeons of England. Rev. by Sir D'Arcy Power. London, Simpkin Marshall, 1930. 2 v. R489.A1P5 1930

Power, Sir D'Arcy. Lives of the fellows of the Royal College of Surgeons of England, 1930-1951. London, The College, 1953. 889 p. R489.A1P63

Robinson, Ronald H. O. B., and William R. LeFanu. Lives of the fellows of the Royal College of Surgeons of England, 1952-1964. Edinburgh, E. & S. Livingstone, 1970. 470 p. R489.A1R6

Ross, Sir James P., and William R. LeFanu. Lives of the fellows of the Royal College of Surgeons of England, 1965-1973. London, Pitman Medical, 1981. 405 p. Not in LC

Sigerist, Henry E. The great doctors; a biographical history of medicine. Translated by Eden and Cedar Paul. Freeport, N.Y., Books for Libraries Press, 1971. 436 p. R134.S4613 1971b*
Reprint of the 1933 ed.
Translation of Grosse Ärzte.
Bibliography: p. 405-415.

Sourkes, Theodore L. Nobel Prize winners in medicine and physiology, 1901-1965. New and rev. ed. London, New York, Abelard-Schuman, 1967, c1966. 464 p. (The Life of science library, no. 45) R149.S6 1967*

Talbot, Charles H., and Eugene A. Hammond. The medical practitioners in medieval England; a biographical register. London, Wellcome Historical Medical Library, 1965. 503 p. (Publications of the Wellcome Historical Medical Library, n.s., v. 8) R489.A1T3

Talbott, John H. A biographical history of medicine; excerpts and essays on the men and their work. New York, Grune & Stratton, 1970. 1211 p. R134.T35*

Thacher, James. American medical biography; or, Memoirs of eminent physicians who have flourished in America, to which is prefixed a succinct history of medical science in the United States from the first settlement of the country. New York, Milford House, 1967. 2 v. in 1.
Reprint of the 1828 ed. R153.T3 1967 MRR Biog

Thornton, John L. A select bibliography of medical biography. 2nd ed. London, Library Association, 1970. 170 p. (Library Association. Bibliographies, no. 3) Z6660.5.T5 1970

Walker, Mrs. M. E. M. Pioneers of public health; the story of some benefactors of the human race. Freeport, N.Y., Books for Libraries Press, 1968. 270 p. R134.W17 1968
Reprint of the 1930 ed.

Walsh, James J. Makers of modern medicine. Freeport, N.Y., Books for Libraries Press, 1970. 362 p. R134.W2 1970
Reprint of the 1907 ed.
Includes: Giovanni Battista Morgagni; Joseph Leopold Auenbrugger; Edward Jenner; Luigi Galvani; René Laennec; Robert J. Graves, William Stokes, and Dominic J. Corrigan; Johann Müller; Theodor Schwann; Claude Bernard; Louis Pasteur; and Joseph O'Dwyer.

Wellcome Institute of the History of Medicine. Portraits of doctors & scientists in the Wellcome Institute of the History of Medicine; a catalogue, by Renate Burgess. London, 1973. 459 p. (Publications of the Wellcome Institute of the History of Medicine. Museum catalogue 3) R153.5.W44 1973*

Who's who in the biobehavioral sciences. Barbara R. Breitbart, editor. 2nd ed. New York, Research Institute of Psychophysiology, 1987. 292 p. RC339.5.W46 1987*

Who's who in American nursing. 1st+ ed.; 1984+ Owings Mills, Md., Society of Nursing Professionals. RT25.U5W48*

Wickersheimer, Ernest. Dictionnaire biographique des médecins en France au moyen âge. Paris, E. Droz, 1936. 2 v. R507.A1W5

Williams, Stephen W. American medical biography; or, Memoirs of eminent physicians, embracing principally those who have died since the publication of Dr. Thacher's initial work in 1828 on the same subject. New York, Milford House, 1967. 664 p. R153.W5 1967 MRR Biog
Reprint of the 1845 ed.

Women in medicine; a bibliography of the literature on women physicians. Compiled and edited by Sandra L. Chaff, Ruth Haimbach, Carol Fenichel, Nina B. Woodside. Metuchen, N.J., Scarecrow Press, 1977. 1124 p.
"Biographies": p. 75-384. Z7963.M43W65, v. 1*

Women physicians of the world; autobiographies of medical pioneers. Editor, Leone McGregor Hellstedt. Washington, Hemisphere Pub. Corp., 1978. 420 p. R692.W68

Physics

Appleyard, Rollo. Pioneers of electrical communication. Freeport, N.Y., Books for Libraries Press, 1968. 347 p. QC514.A6 1968
Reprint of the 1930 ed.
Includes: James Clerk Maxwell, André Marie Ampère, Alessandro Volta, Charles Wheatstone, Heinrich Rudolf Hertz, Hans Christian Oersted, Georg Simon Ohm, Oliver Heaviside, Claude Chappe, and Francis Ronalds.

Beyerchen, Alan D. Scientists under Hitler; politics and the physics community in the Third Reich. New Haven, Yale University Press, 1977. 287 p. QC9.G3B48
Bibliography: p. 263-276.

The Biographical dictionary of scientists. Physicists. General editor, David Abbott. London, Blond Educational, 1984. 212 p.
QC15.B56 1984b*

Cline, Barbara L. Men who made a new physics: physicists and the quantum theory. Chicago, University of Chicago Press, 1987. 274 p.
QC15.C4 1987
Reprint of the 1965 ed., entitled The Questioners, with a new foreword by S. S. Schweber.

Energy & nuclear sciences international who's who. 2nd+ ed.; 1987+ Harlow, Essex, UK, Longman; Detroit, distributed in the USA and Canada by Gale Research. TJ163.45.I57*
Continues International who's who in energy and nuclear sciences (1983).

Hart, Ivor B. The great physicists. Freeport, N.Y., Books for Libraries Press, 1970. 137 p. QC15.H3 1970
Reprint of the 1927 ed.

Heathcote, Niels H. de V. Nobel Prize winners in physics, 1901-1950. Freeport, N.Y., Books for Libraries Press, 1971. 473 p. QC15.H4 1971*
Reprint of the 1953 ed.

Hermann, Armin. Grosse Physiker; vom Werden des neuen Weltbildes. Stuttgart, E. Battenberg, 1959. 178 p. QC15.H45

Herneck, Friedrich. Bahnbrecher des Atomzeitalters; grosse Naturforscher von Maxwell bis Heisenberg. 8. Aufl. Berlin, Buchverlag Der Morgen, 1977. 426 p. QC15.H47 1977
Bibliography: p. 414-424.
Includes: Maxwell, Hertz, Röntgen, Marie and Pierre Curie, Max Planck, Einstein, Max von Laue, Niels Bohr and Werner Heisenberg, Erwin Schrödinger and Max Born, and Otto Hahn and Lise Meitner.

Higgins, Thomas J. Book-length biographies of physicists and astronomers. American journal of physics, v. 12, Feb., Aug. 1944: 31-39, 234-236. QC1.A47, v. 12

International Centre for Theoretical Physics. Directory of theoretical physicists from developing countries. Miramare-Trieste, 1970. 43 p. QC15.I57

Khramov, IU. A. Fiziki; biograficheskii spravochnik. Izd. 2-e, ispr. i dop. Moskva, "Nauka," Glav. red. fiziko-matematicheskoi lit-ry, 1983. 398 p. ports. QC15.K44 1983
Bibliography: p. 331-350.

Macfarlane, Alexander. Lectures on ten British physicists of the nineteenth century. New York, Wiley, 1919. 144 p. (Mathematical monographs, no. 20) QC15.M3
Includes: Maxwell, William J. M. Rankine, Peter Guthrie Tait, Lord Kelvin, Charles Babbage, William Whewell, Sir George G. Stokes, Sir George B. Airy, John Couch Adams, and Sir John F. W. Herschel.

Mishra, Debakanta. Five eminent scientists, their lives and work. Delhi, Kalyani Publishers, 1976. 214 p. QC15.M54
Includes: C. V. Raman, Maghnad Saha, S. N. Bose, H. J. Bhabha, and Vikram Sarabhai.

Nobelstiftelsen, Stockholm. Nobel lectures, including presentation speeches and laureates' biographies: physics. Amsterdam, New York, Elsevier, 1964-72. 4 v. QC71.N64*
Contents: v. 1. 1901-1921.--v. 2. 1922-1941.--v. 3. 1942-1962.--v. 4. 1963-1970.

Riedman, Sarah R. Men and women behind the atom. London, New York, Abelard-Schuman, 1958. 228 p. QC15.R5

Turner, Dorothy M. Makers of science: electricity & magnetism. London, Oxford University Press, 1927. 184 p. QC514.T8

Weber, Robert L. Pioneers of science: Nobel Prize winners in physics. Bristol, Institute of Physics, 1980. 272 p. QC15.W4

Zischka, Anton. Pioniere der Elektrizität, vom Bernstein bis zum Zyklotron. Gütersloh, C. Bertelsmann, 1958. 317 p. QC507.Z5

Psychology

American Psychological Association. Directory. 1948+ Washington. quadrennial. BF11.A67*

A History of psychology in autobiography. v. 1+ Englewood Cliffs, N.J., Prentice-Hall, 1930+ BF105.H5 MRR Biog

International directory of psychologists, exclusive of the U.S.A. A publication of the International Union of Psychological Science. Editor: Kurt Pawlik. 4th ed. Amsterdam, New York, North-Holland; New York, sole distributors for the U.S.A. and Canada, Elsevier Science Pub. Co., 1985. 1181 p. BF30.I52 1985*

National register of health service providers in psychology. 1975+ Washington, Council for the National Register of Health Service Providers in Psychology. BF30.N3*
Biennial with supplements between editions.

Nordby, Vernon J., and Calvin S. Hall. A guide to psychologists and their concepts. San Francisco, W. H. Freeman, 1974. 187 p. BF109.A1N67

Watson, Robert I. Eminent contributors to psychology. New York, Springer Pub. Co., 1974-76. 2 v. Z7201.W37*
Contents: v. 1. A bibliography of primary references.—v. 2. A bibliography of secondary references.

Zusne, Leonard. Biographical dictionary of psychology. Westport, Conn., Greenwood Press, 1984. 563 p. BF109.A1Z85 1984*

Technology

Brown, Kenneth A. Inventors at work; interviews with 16 notable American inventors. Redmond, Wash., Tempus Books of Microsoft Press, 1988. 388 p. T39.B86 1988
Includes: Paul MacCready, Wilson Greatbatch, Maxime Faget, Marvin Camras, Bob Gundlach, Jerome Lemelson, Stanford Ovshinsky, Mary Spaeth, Jacob Rabinow, Steve Wozniak, Raymond Kurzweil, Roman Szpur, Marcian E. "Ted" Hoff, Gordon Gould, Harold Rosen, and Nat Wyeth.

Dunlap, Orrin E. Radio's 100 men of science; biographical narratives of pathfinders in electronics and television. Freeport, N.Y., Books for Libraries Press, 1970. 294 p. TK6545.A1D8 1970
Reprint of the 1944 ed.

Fuller, Edmund. Tinkers and genius; the story of the Yankee inventors. New York, Hastings House, 1955. 308 p. T39.F8

Hawks, Ellison. Pioneers of wireless. New York, Arno Press, 1974. 304 p. TK5711.H3 1974
Reprint of the 1927 ed.

Hayden, Robert C. Eight Black American inventors. Reading, Mass., Addison-Wesley, 1972. 142 p. E185.8.H35
Includes: Garrett A. Morgan, Lewis Temple, Frederick McKinley Jones, Jan E. Matzeliger, Lewis H. Latimer, Elijah McCoy, Norbert Rillieux, and Granville T. Woods.

Holland, Maurice. Industrial explorers. New York, Harper, 1928. 347 p. T39.H6 1928

Iles, George. Leading American inventors. Freeport, N.Y., Books for Libraries Press, 1968. 447 p. T39.I5 1968
Reprint of the 1912 ed.
Includes: John and Robert Livingston Stevens, Robert Fulton, Eli Whitney, Thomas Blanchard, Samuel F. B. Morse, Charles Goodyear, John Ericsson, Cyrus Hall McCormick, Christopher Latham Sholes, Elias Howe, Benjamin Chew Tilghman, and Ottmar Mergenthaler.

Jones, Evan R. Heroes of industry; biographical sketches. London, S. Low, Marston, Searle & Rivington, 1886. 324 p. T39.J6

Kauffeldt, Alfons. Deutsche Techniker aus sechs Jahrhunderten. Leipzig, Verlag Enzyklopädie, 1963. 163 p. (Taschenbuch, Bd. 28) T39.K3

Lehrburger, Egon. Men who changed the world; stories of invention and discovery, by Egon Larsen, pseud. 2nd ed. New York, Roy Publishers, 1953. 224 p. T39.L43 1953

----- Men who shaped the future; stories of invention & discovery, by Egon Larsen, pseud. New York, Roy Publishers, 1954. 223 p. T39.L44

Liebfeld, Alfred. Polacy na szlakach techniki. Wyd. 3, popr. Warszawa, Wydawn. Szkolne i Pedagogiczne, 1985. 233 p. T39.L56 1985

Lister, Raymond. Great craftsmen. London, G. Bell, 1962. 191 p. T39.L62
Includes: Benvenuto Cellini, Thomas Tompion, Antonio Stradivari, Grinling Gibbons, John Baskerville, Thomas Chippendale, Josiah Wedgwood, James and William Tassie, Mme. Marie Tussaud, William Morris, and Eric Gill.

Lſudi russkoĭ nauki; ocherki o vydaſushchikhsſa deſatelſakh estestvoznaniſa i tekhniki. Tekhnika. Pod red. I. V. Kuznefsova. Moskva, Nauka, Glav. red. fiziko-matematicheskoĭ lit-ry, 1965. 782 p. TA139.L58

Manchester, Harland F. Trail blazers of technology; the story of nine inventors. New York, Scribner, 1962. 215 p. T39.M24
Includes: Thomas Davenport, Rudolf Diesel, Charles Goodyear, Alfred Nobel, Simon Lake, Sir Hiram Maxim, Nikola Tesla, Lee De Forest, and Igor Sikorsky.

----- New trail blazers of technology. New York, Scribner, 1976. 214 p. T39.M23
Includes: Frederick Gardner Cottrell; Edwin Land; John Bardeen, Walter Brattain, and William Shockley; Sir Christopher Cockerell; Chester Carlson; Felix Wankel; Charles H. Townes; Sherman M. Fairchild; and Edwin Howard Armstrong.

Paradis, Adrian A. The problem solvers. New York, Putnam, 1964. 189 p. T39.P25

Parton, James. Captains of industry; or, Men of business who did something besides making money. Freeport, N.Y., Books for Libraries Press, 1972. 399 p. T39.P283 1972
Reprint of the 1884 ed.

Patterson, John C. America's greatest inventors. New York, Crowell, 1943. 240 p. T39.P34
Includes: Eli Whitney, Robert Fulton, Cyrus Hall McCormick, Samuel F. B. Morse, Charles Goodyear, Elias Howe, Christopher Latham Sholes, George Westinghouse, Jr., Alexander Graham Bell, Thomas A. Edison, Nikola Tesla, Charles Martin Hall, Ottmar Mergenthaler, the Wright brothers, Lee De Forest, Leo Hendrik Baekeland, and William M. Burton.

Poole, Lynn, and Gray J. Poole. Men who pioneered inventions. New York, Dodd, Mead, 1969. 207 p. T39.P64
Includes: Santorio Santorre and Cornelius Drebbel; Galileo; Antonie van Leeuwenhoek; James Watt; Niepce and Daguerre; Charles Babbage; Elias Howe; Christopher Latham Sholes; Samuel Pierpont Langley; Karl Benz and Gottlieb Daimler; Ottmar Mergenthaler; Thomas A. Edison; and John Logie Baird and Vladimir Zworykin.

Smiles, Samuel. Industrial biography; iron workers and tool makers. Newton Abbot, David & Charles, 1967. 342 p. T39.S6 1967
Reprint of the 1863 ed.

Those inventive Americans. Produced by the National Geographic Special Publications Division. Washington, National Geographic Society, 1971. 231 p. T39.T5

Who's who in technology. 1st+ ed.; 1979+ Essen, Who's Who, the International Red Series Verlag. T39.W49*
"A biographical encyclopedia ... covering the most important countries of Western Europe."

Who's who in technology. 5th+ ed.; 1986+ Woodbridge, Conn., Research Publications. biennial. T39.W5*

Contents of 5th ed.: v. 1. Who's who in electronics & computer science.--v. 2. Who's who in mechanical engineering & materials science.--v. 3. Who's who in chemistry & plastics.--v. 4. Who's who in civil engineering, earth sciences & energy.--v. 5. Who's who in physics & optics.--v. 6. Who's who in biotechnology.--v. 7. Master index of expertise/master index of names.

ABSTRACTING AND INDEXING SERVICES that index relevant journal articles and other literature include:

America, History and Life (1964+) Z1236.A48, Z1236.A484, Z1236.A485, Z1236.A486, and Z1236.A487 MRR A1c
Applied Science & Technology Index (1913+) Z7913.I7*
Astronomy and Astrophysics Abstracts (1969+) Z5153.A862*
Bibliography and Index of Geology (1933+) Z6031.G4*
Bibliography of Agriculture (1942+) Z5073.U572*
Biological Abstracts (1926+) QH301.B37*
Chemical Abstracts (1907+) QD1.A51*
Current Biography (1940+) CT100.C8 SSRR
Current Work in the History of Medicine (1954+) R131.A1C8
Engineering Index (1884+) Z5851.E62*
Historical Abstracts, 1775-1945 (1955+) D299.H5, D299.H512, and D299.H513 SSRR
Magazine Index (1976+) Last 5 years on film/COM reader in SSRR
Mathematical Reviews (1940+) QA1.M76*
New York Times Index (1913+) AI21.N44 and AI21.N45 SSRR
Physics Abstracts (1898-) Q1.S3* and QC1.P46*
Psychological Abstracts (1927+) BF1.P65*
Readers' Guide to Periodical Literature (1900+) AI3.R48 SSRR

JOURNALS that often contain biographical articles on scientists, or bibliographic listings of relevant books and articles, include:

Agricultural History S1.A16
American Heritage of Invention & Technology T1.A455
American Psychologist BF1.A55
American Scientist LJ85.S502
British Journal for the History of Science Q125.B77
Bulletin of the History of Medicine R11.B93
Historia Mathematica QA21.H54
Historical Studies in the Physical and Biological Sciences QC7.H69
History of Science Q125.H63
History of Technology T14.7.H57
Industrial Archaeology T37.I5
Isis Q1.I7
Journal of Chemical Education QD1.J93
Journal of the History of Ideas B1.J75
Journal of the History of Medicine and Allied Sciences R131.A1J6
Osiris Q1.O7
Proceedings of the American Philosophical Society Q11.P5
Science Q1.S35

Scientific American T1.S5
Scientific Monthly Q1.S817
Studies in History and Philosophy of Science Q125.S94
Technology and Culture T1.T27